Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090817.D
Acq On : 15 Sep 2015 2:20
Operator : UM/IZ
Sample : G3658-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091315-D534-F-D-B

Quant Time: Sep 15 03:52:20 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32594	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	140657	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	73448	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	189616	5.00	ng	0.00
25) Chrysene-d12	21.07	240	254272	5.00	ng	0.00
32) Perylene-d12	23.35	264	238779	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	17617	2.78	ng	0.00
5) Phenol-d6	6.75	99	13957	1.54	ng	0.00
7) Nitrobenzene-d5	8.71	82	31055	3.34	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	14752	6.86	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	75403	3.71	ng	0.00
27) Terphenyl-d14	19.53	244	156680	5.57	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	94	Below Cal	#	1
3) n-Nitrosodimethylamine	3.47	42	17	Below Cal	#	1
8) Nitrobenzene	8.71	77	15	0.11	ng #	1
20) Hexachlorobenzene	16.27	284	109	Below Cal	#	37
21) Pentachlorophenol	16.60	266	17	0.47	ng #	63
22) Phenanthrene	16.95	178	1043	0.02	ng #	61
24) Fluoranthene	18.96	202	1674	0.03	ng	100
26) Pyrene	19.32	202	2029	0.04	ng #	91
29) Chrysene	21.10	228	980	Below Cal	#	83
30) Bis(2-ethylhexyl)phthalate	21.00	149	6644	0.51	ng #	99
33) Benzo(b)fluoranthene	22.67	252	1173	0.02	ng #	2
36) Dibenzo(a,h)anthracene	25.74	278	34	0.14	ng #	1

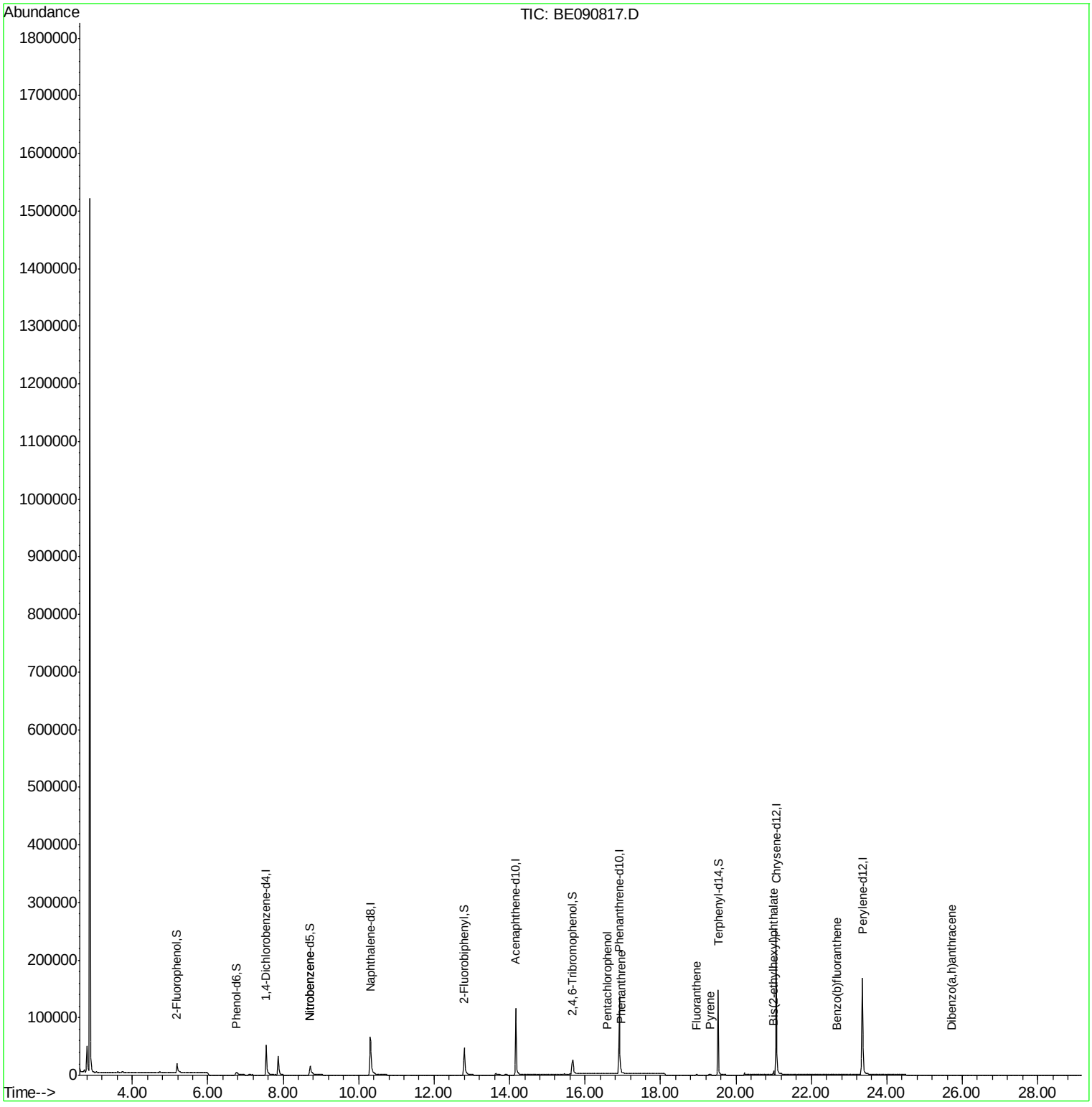
(#) = qualifier out of range (m) = manual integration (+) = signals summed

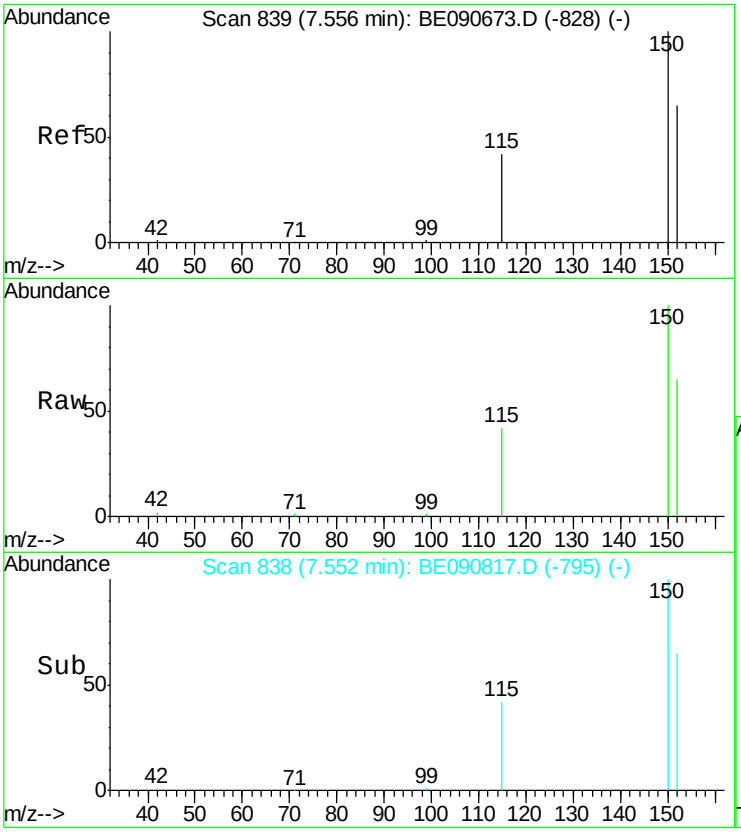
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090817.D
Acq On : 15 Sep 2015 2:20
Operator : UM/IZ
Sample : G3658-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Quant Time: Sep 15 03:52:20 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



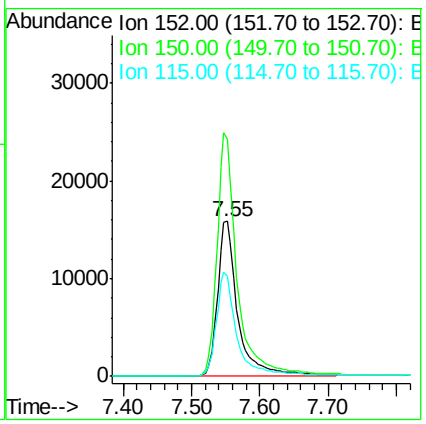


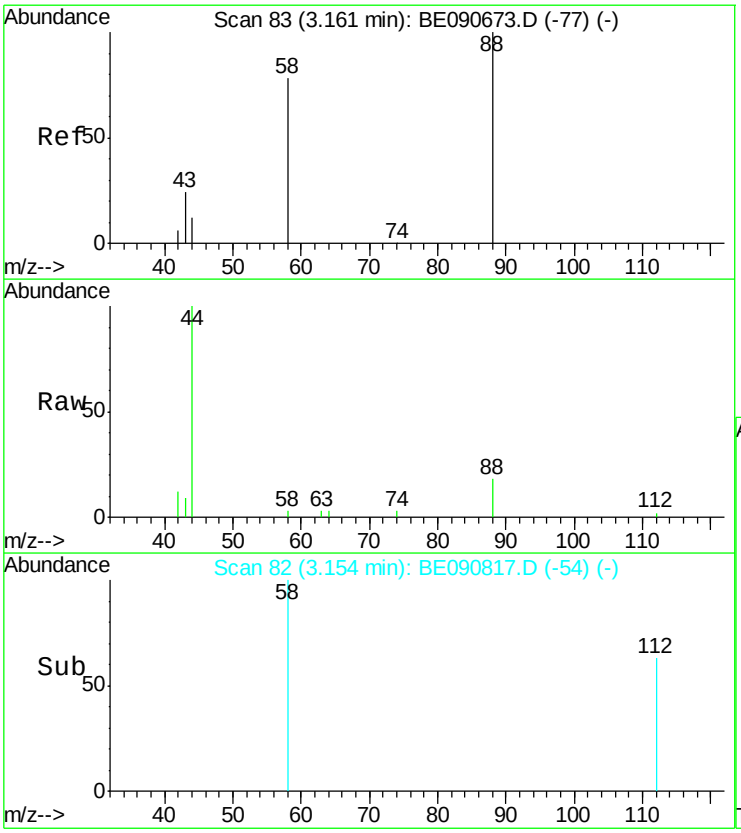
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:152 Resp: 32594

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.2	183.4
115	64.5	51.0	76.4

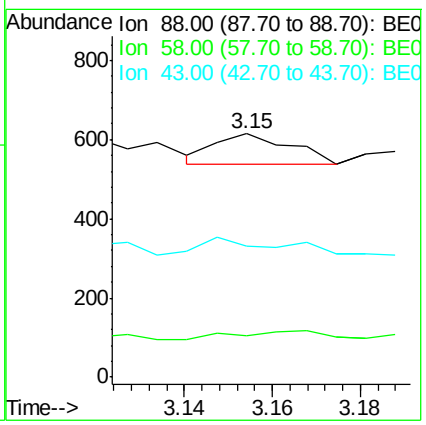


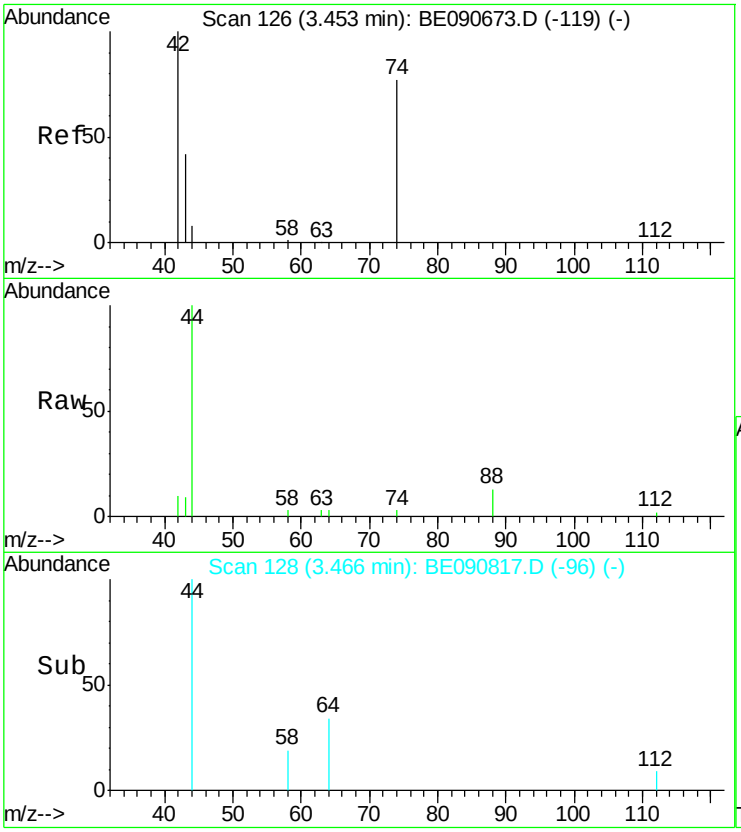


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion: 88 Resp: 94

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.4	102.6#
43	143.6	26.9	40.3#



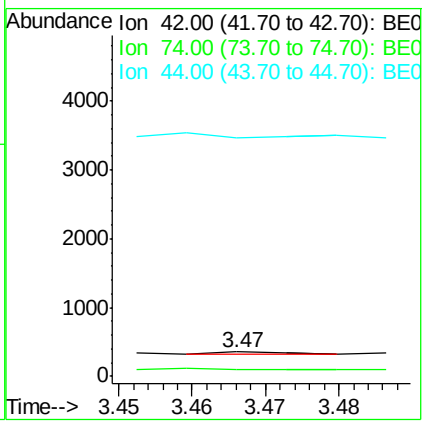


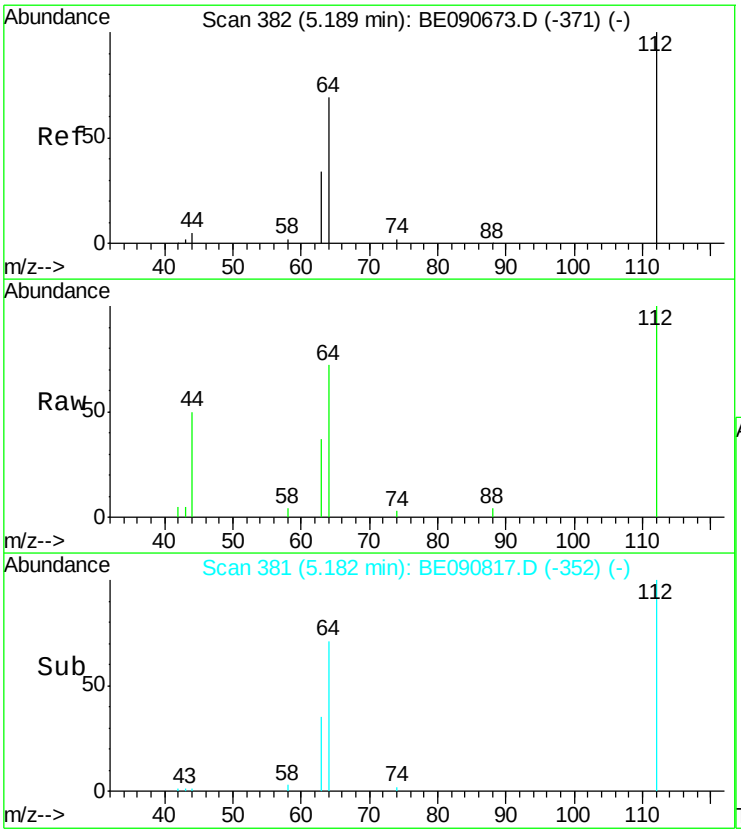
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.47 min Scan# 128
Delta R.T. 0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	335.3	83.7	125.5#
44	0.0	10.0	15.0#

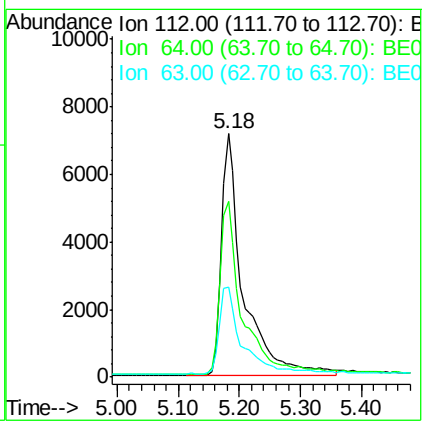


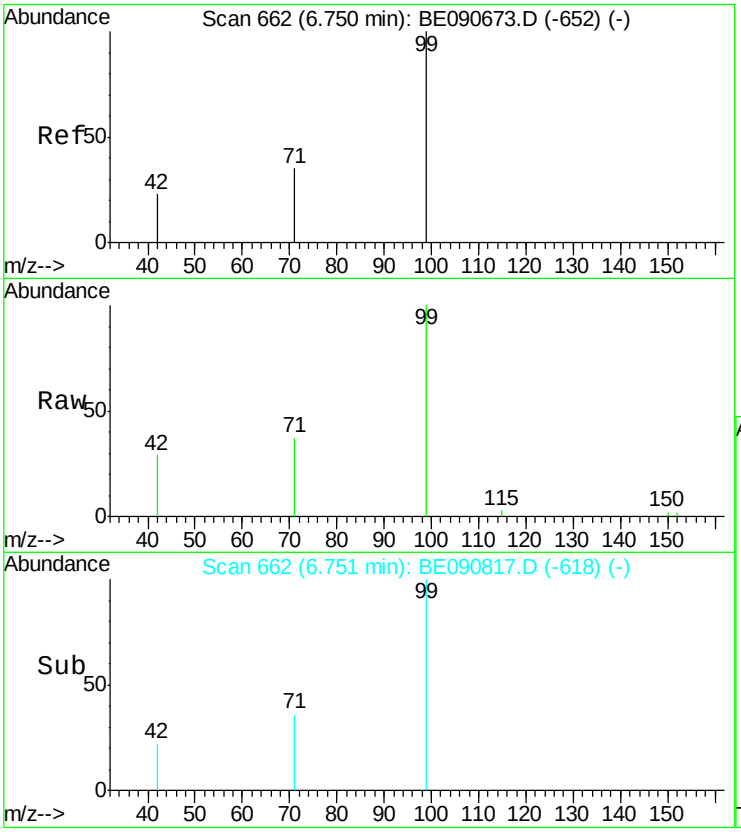


#4
2-Fluorophenol
Concen: 2.78 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:112 Resp: 17617

Ion	Ratio	Lower	Upper
112	100		
64	73.6	57.3	85.9
63	38.0	29.2	43.8



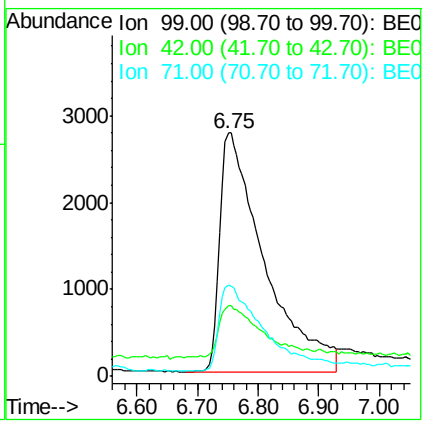


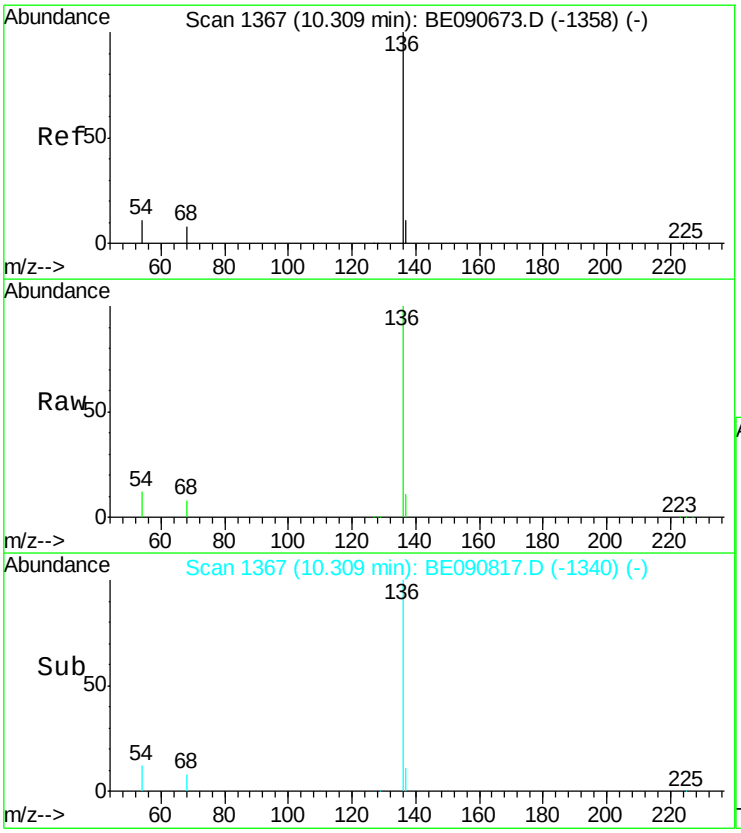
#5
Phenol-d6
Concen: 1.54 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion: 99 Resp: 13957

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.8	25.2
71	35.1	28.3	42.5

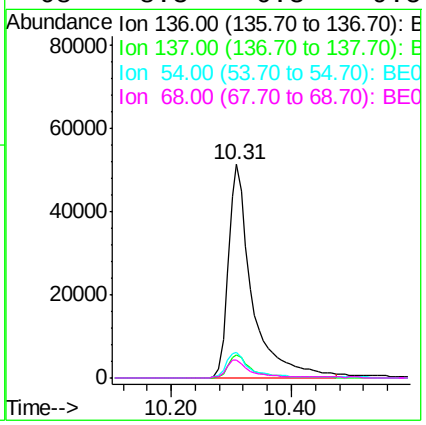


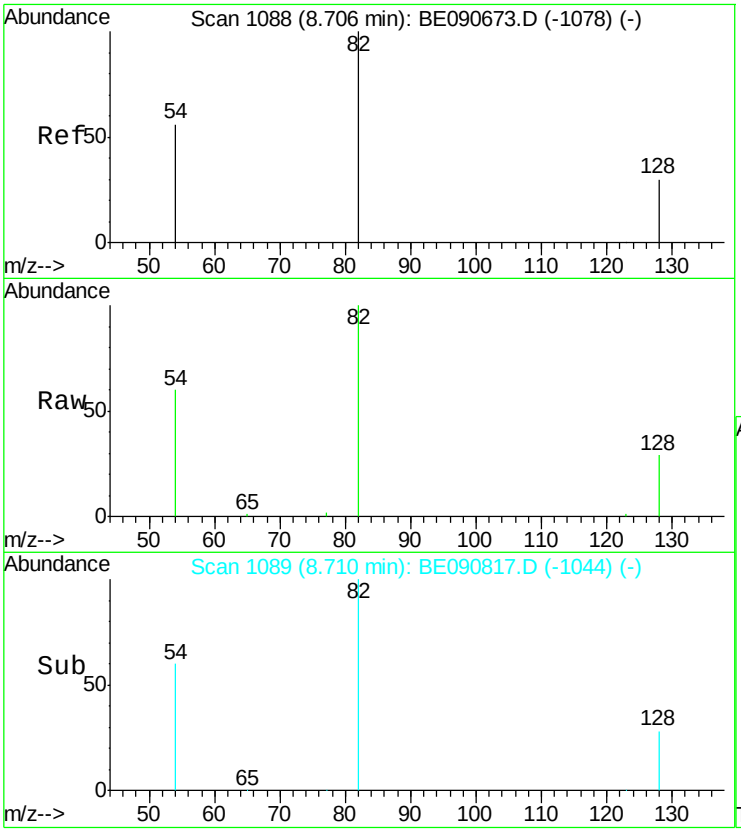


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:136 Resp: 140657

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.7	9.0	13.6
68	8.3	6.3	9.5



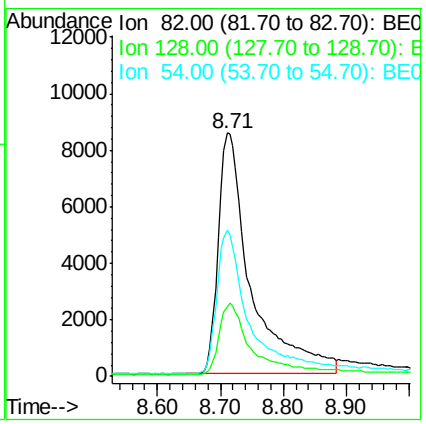


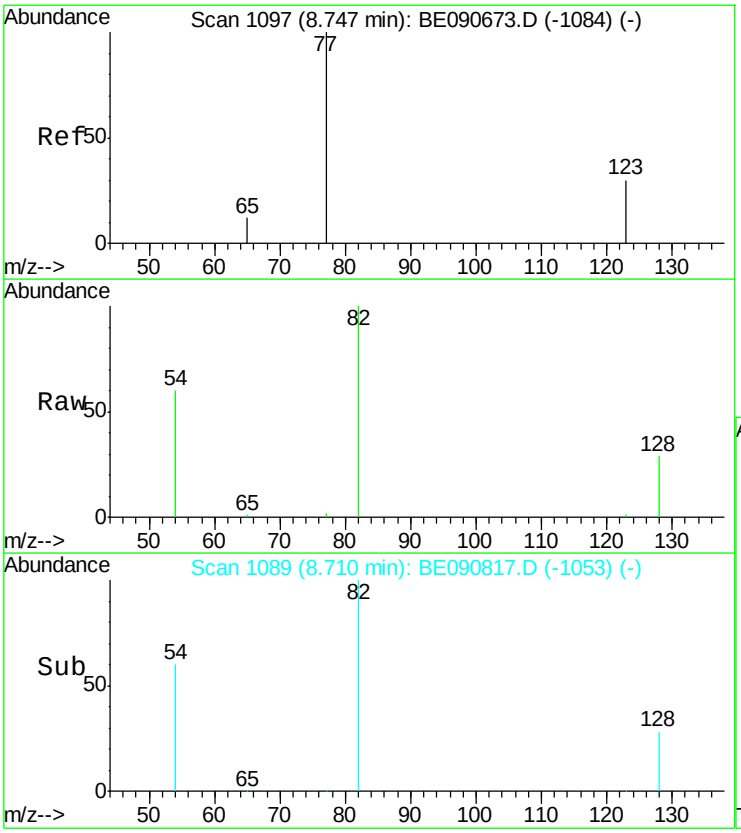
#7
Nitrobenzene-d5
Concen: 3.34 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion: 82 Resp: 31055

Ion	Ratio	Lower	Upper
82	100		
128	28.8	25.0	37.4
54	60.3	46.3	69.5

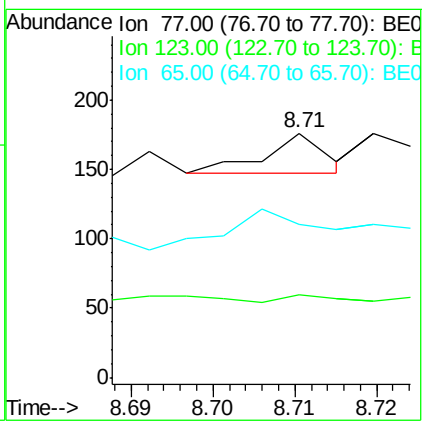


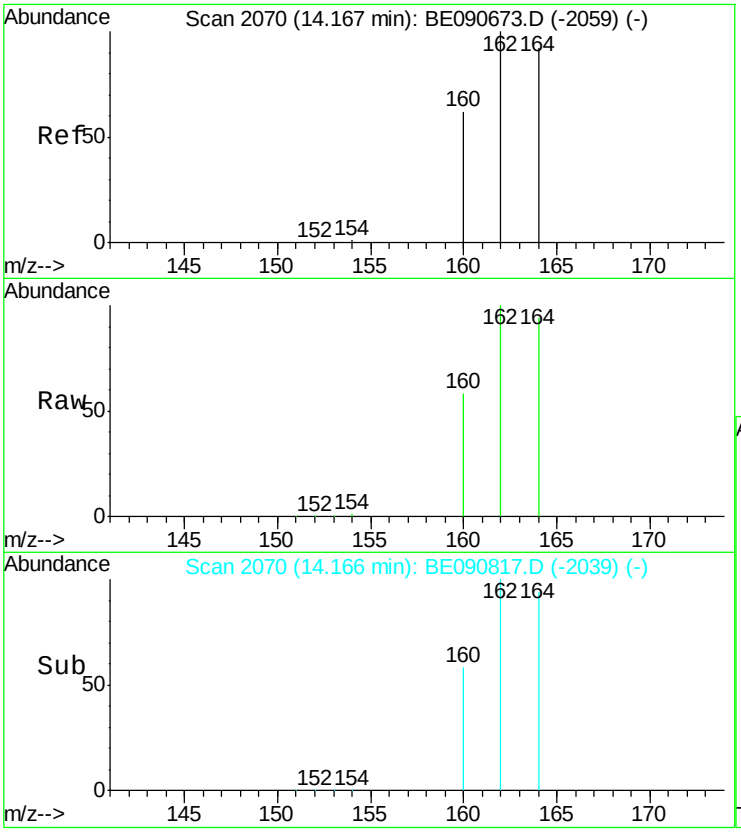


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.71 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion: 77 Resp: 15

Ion	Ratio	Lower	Upper
77	100		
123	33.3	25.1	37.7
65	280.0	9.9	14.9#



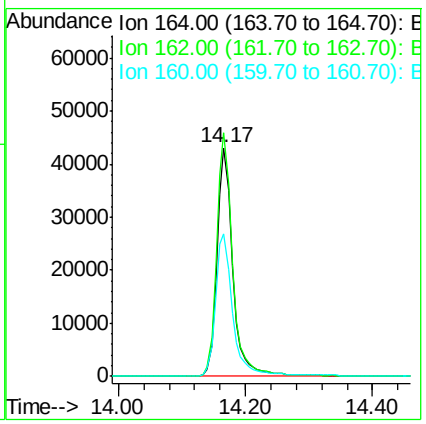


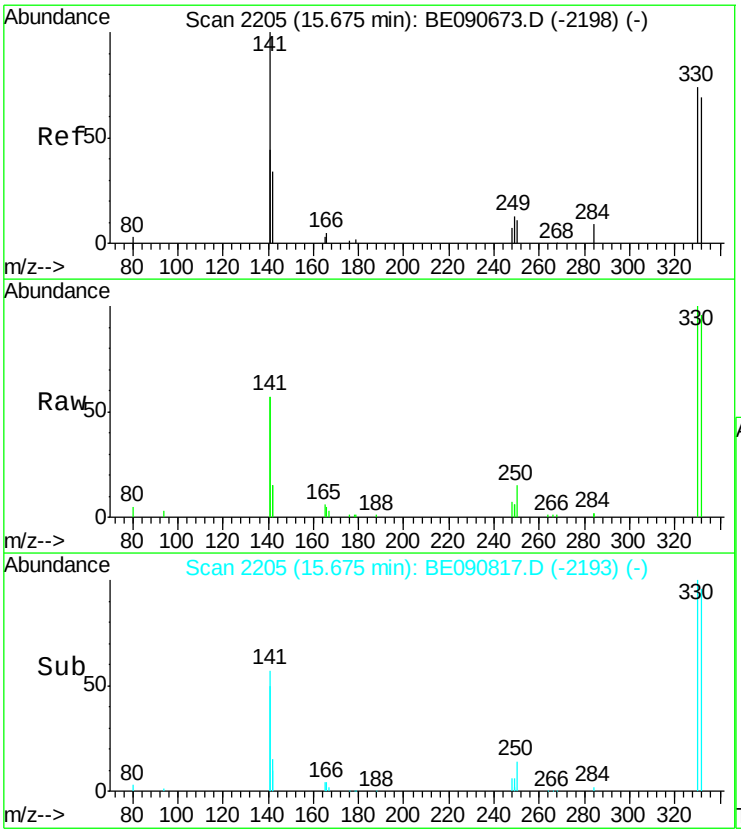
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:164 Resp: 73448

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.8	130.2
160	62.2	53.9	80.9

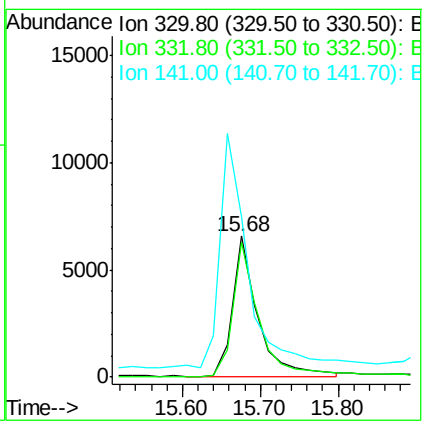


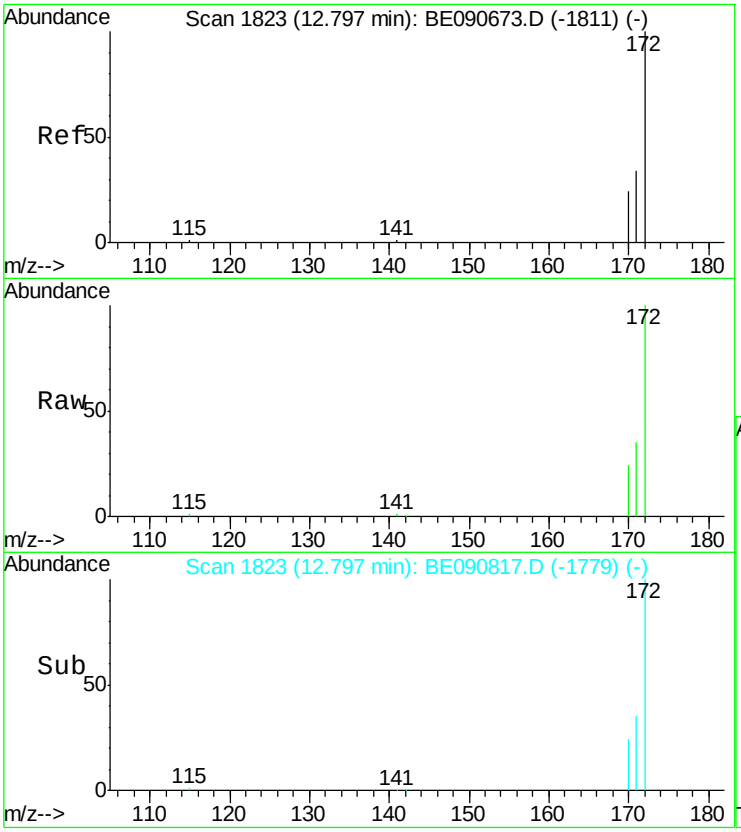


#13
2,4,6-Tribromophenol
Concen: 6.86 ng
RT: 15.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:330 Resp: 14752

Ion	Ratio	Lower	Upper
330	100		
332	97.4	74.9	112.3
141	182.9	145.2	217.8



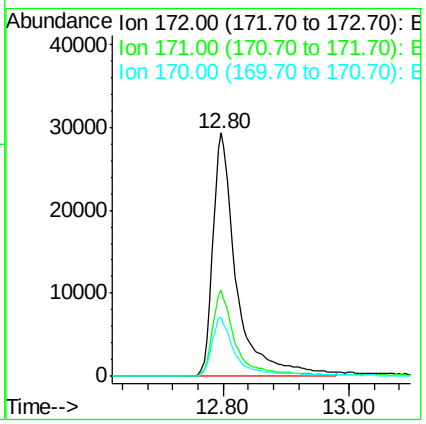


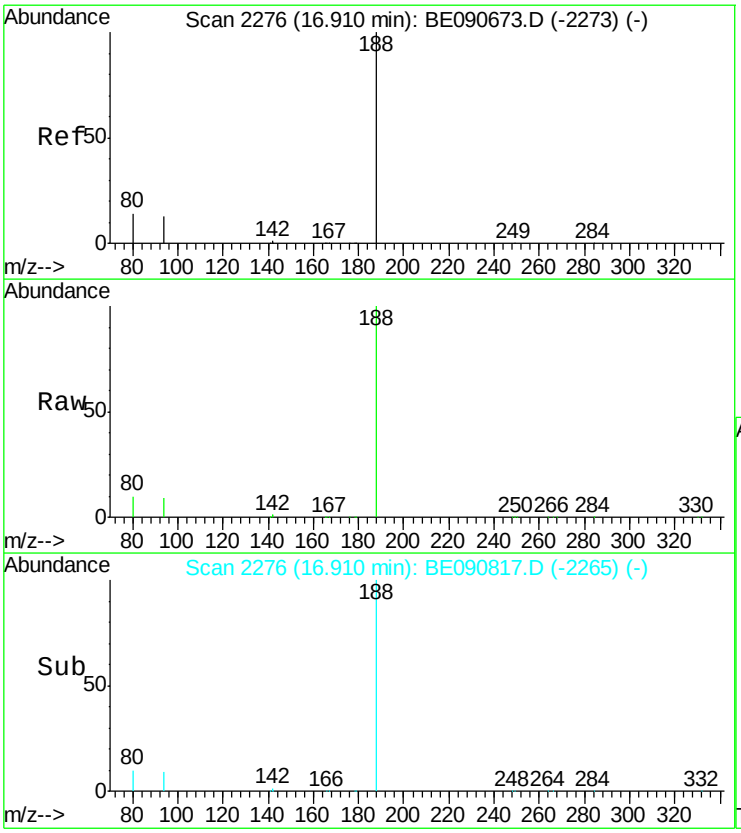
#14
2-Fluorobiphenyl
Concen: 3.71 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:172 Resp: 75403

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.8
170	24.3	19.8	29.6

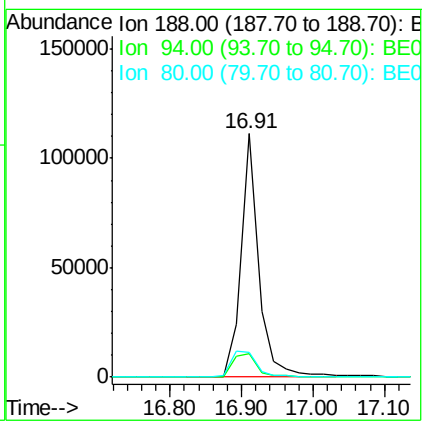


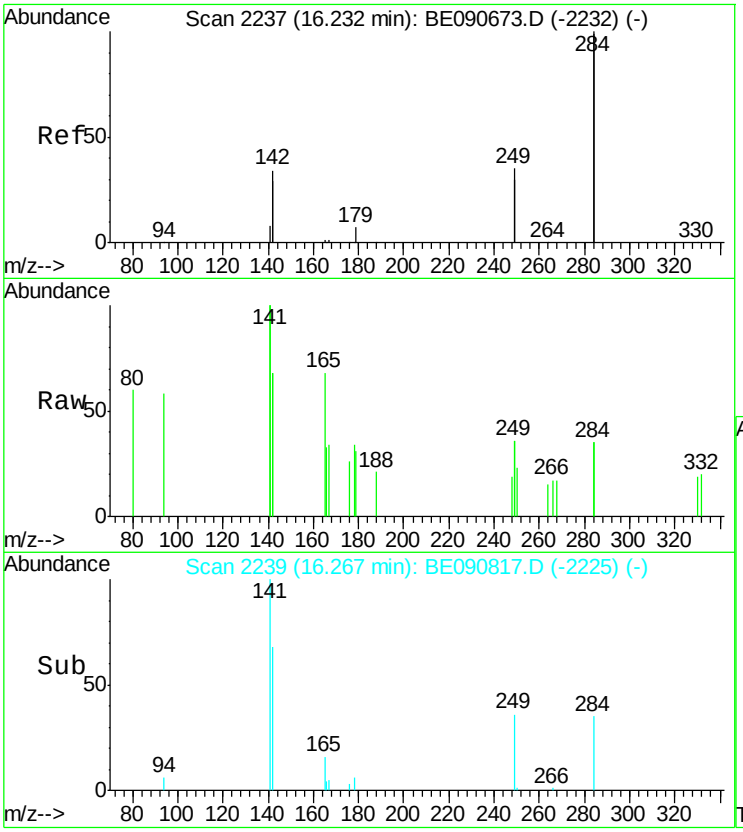


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:188 Resp: 189616

Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.3	15.5#
80	10.4	11.0	16.6#



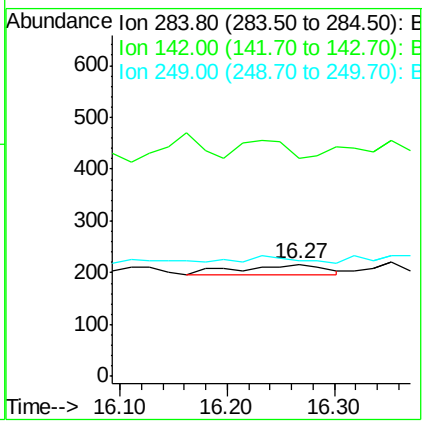


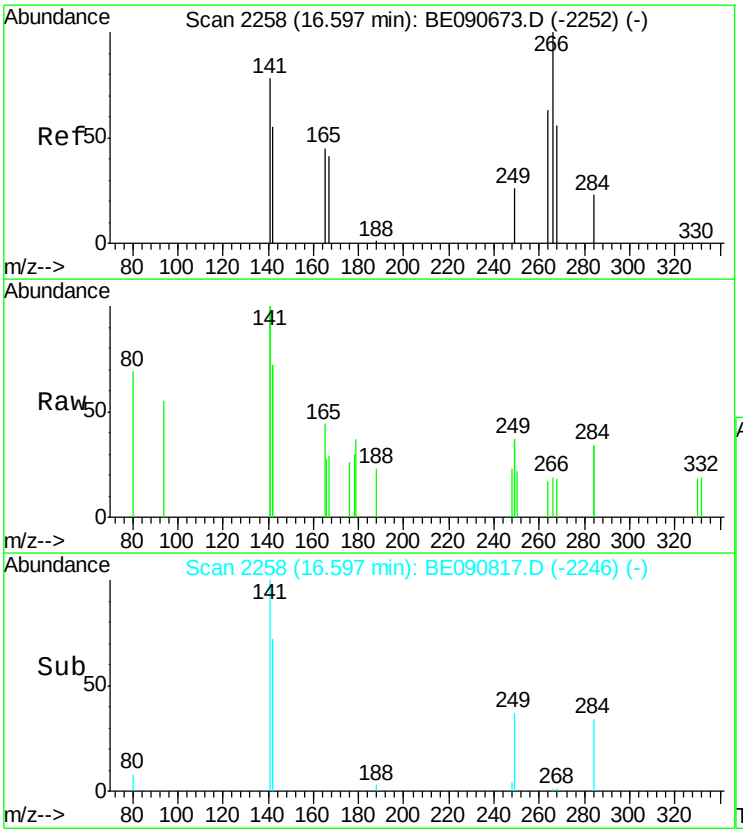
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.27 min Scan# 2239
Delta R.T. 0.04 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:284 Resp: 109

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	0.0	25.5	38.3#

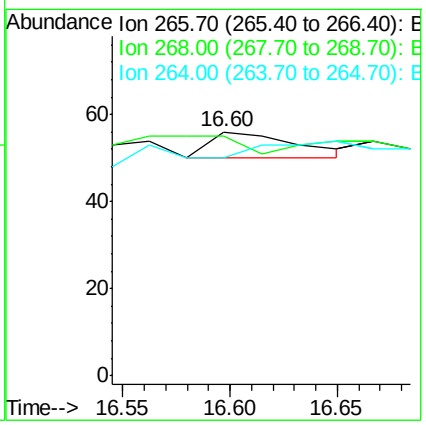


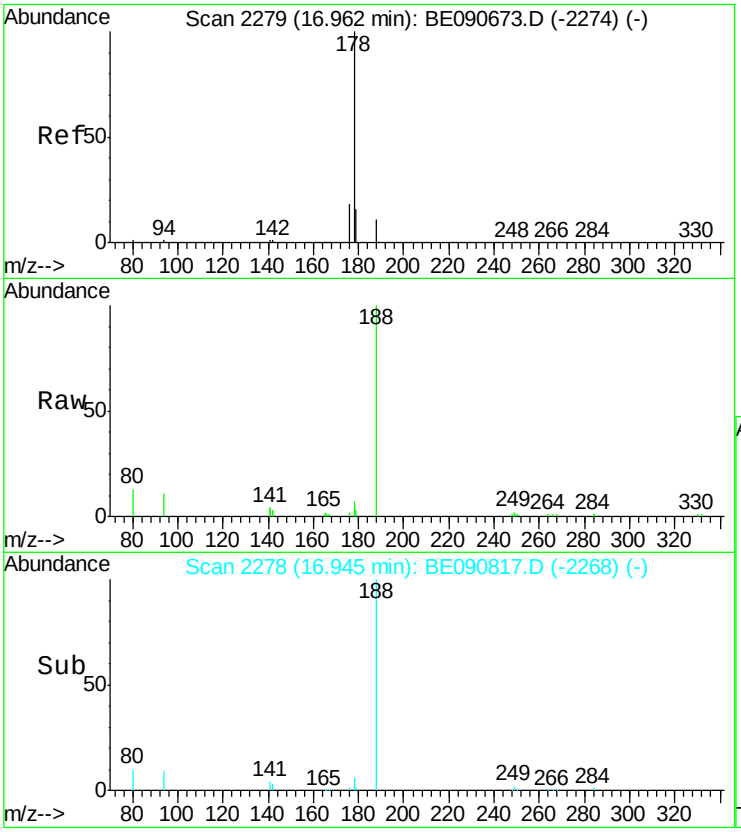


#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.60 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
268	98.2	49.6	74.4#
264	89.3	53.9	80.9#



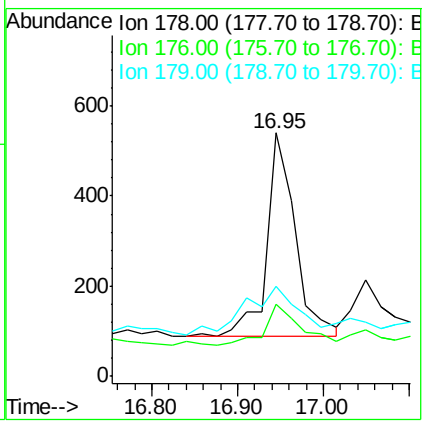


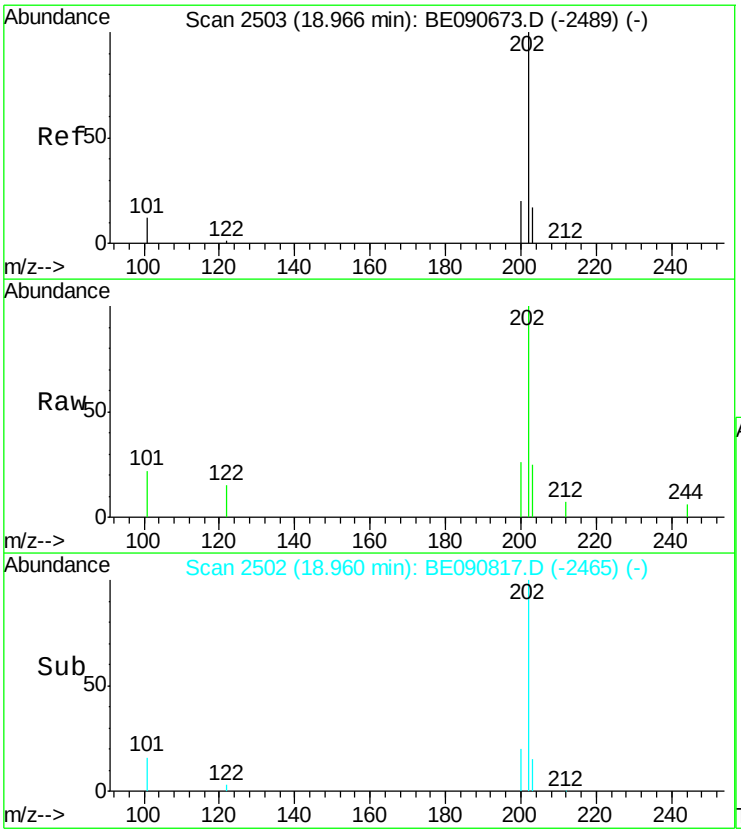
#22
Phenanthrene
Concen: 0.02 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:178 Resp: 1043

Ion	Ratio	Lower	Upper
178	100		
176	26.4	15.6	23.4#
179	44.9	12.8	19.2#

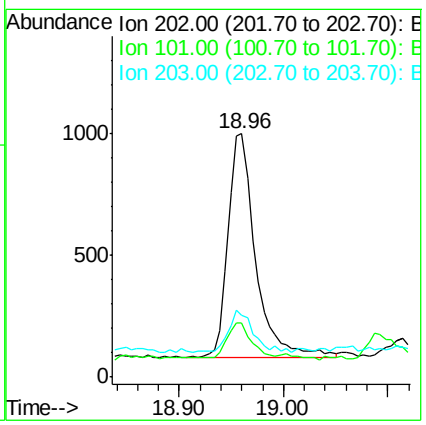


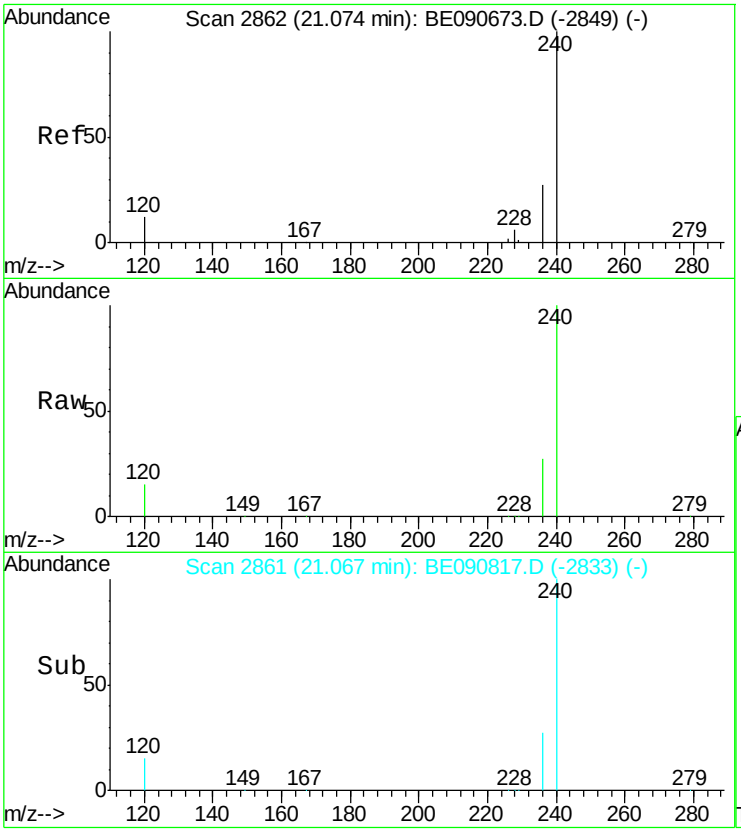


#24
Fluoranthene
Concen: 0.03 ng
RT: 18.96 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:202 Resp: 1674

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.6
203	17.3	13.9	20.9



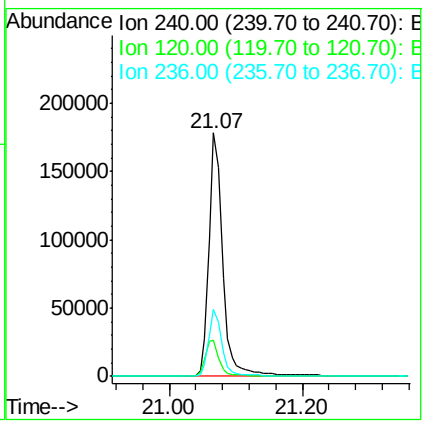


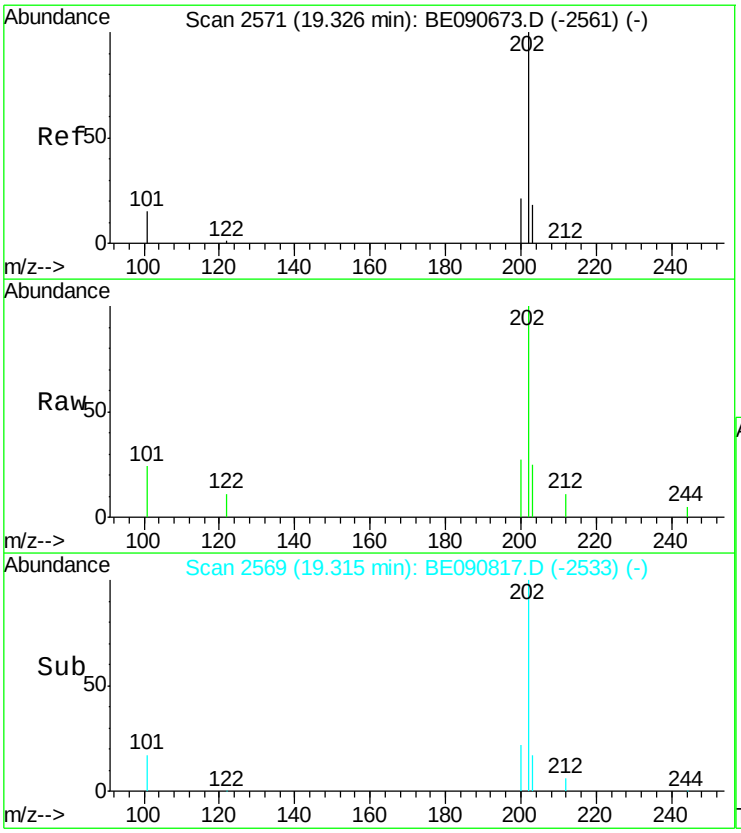
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:240 Resp: 254272

Ion	Ratio	Lower	Upper
240	100		
120	14.8	10.1	15.1
236	27.4	21.9	32.9

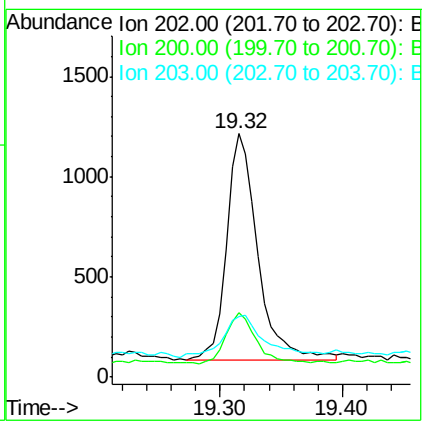


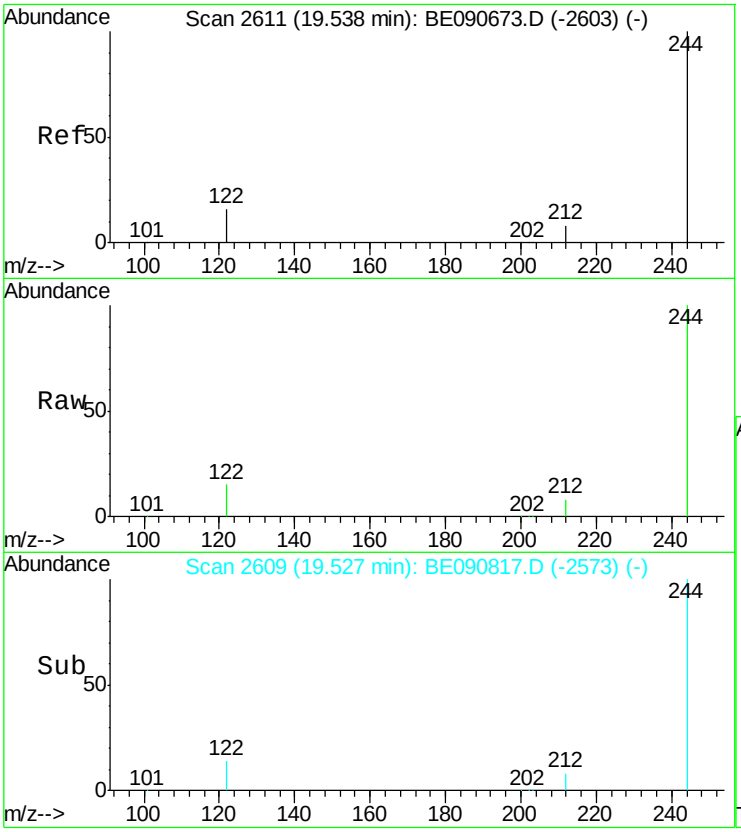


#26
Pyrene
Concen: 0.04 ng
RT: 19.32 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:202 Resp: 2029

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	24.6	13.8	20.6#



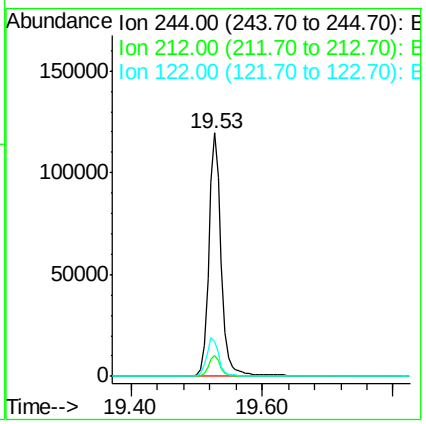


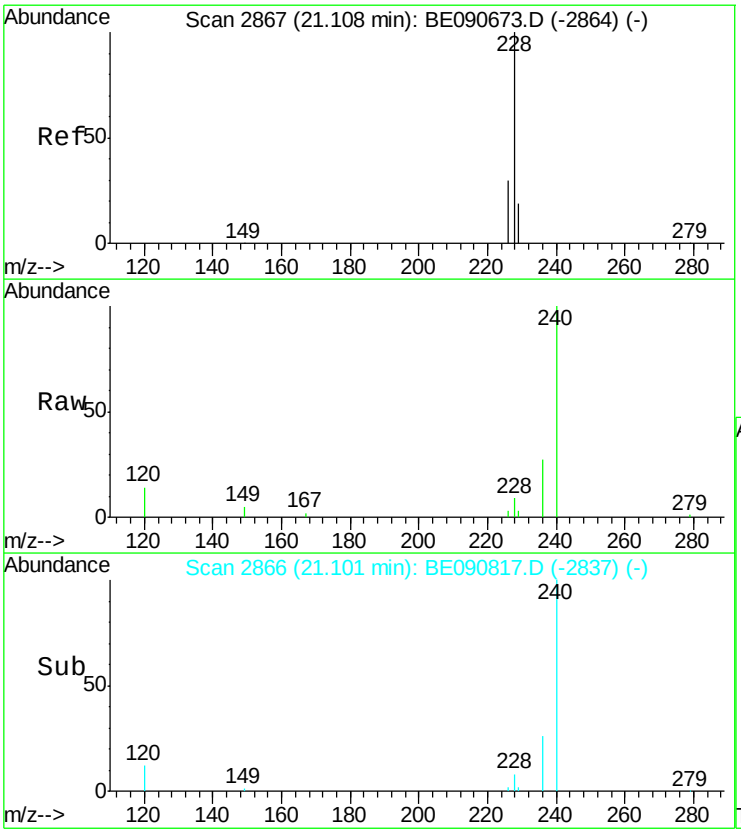
#27
Terphenyl-d14
Concen: 5.57 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:244 Resp: 156680

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	14.5	12.9	19.3

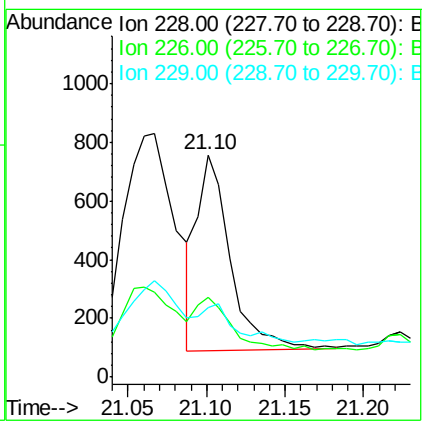


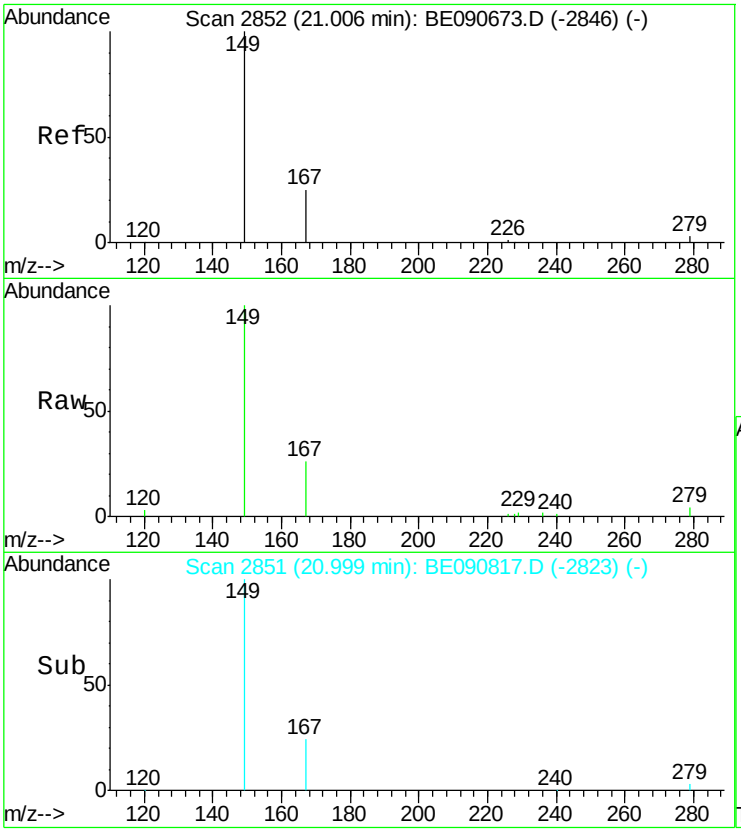


#29
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:228 Resp: 980

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.2	36.4
229	31.6	15.3	22.9#



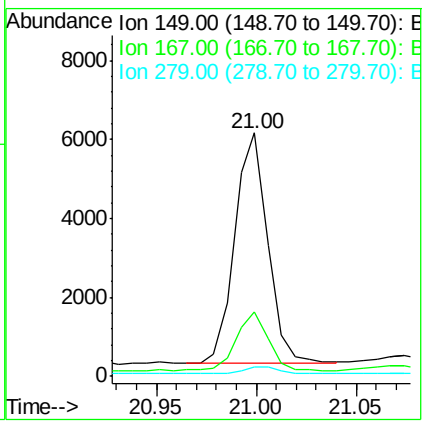


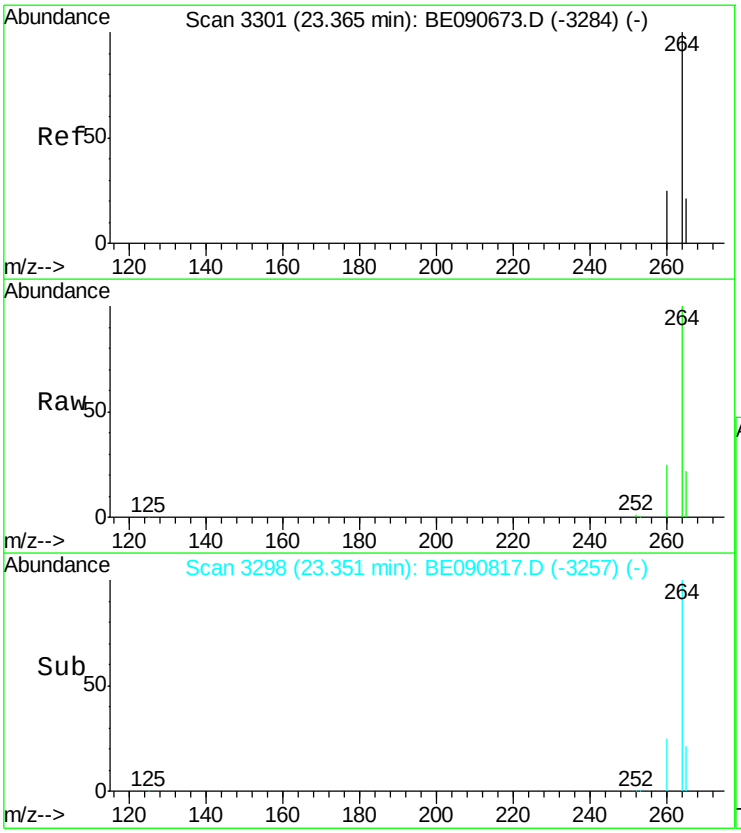
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.51 ng
RT: 21.00 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:149 Resp: 6644

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.1	30.1
279	3.6	2.3	3.5#

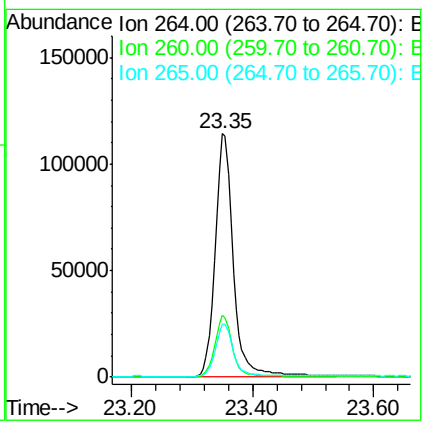


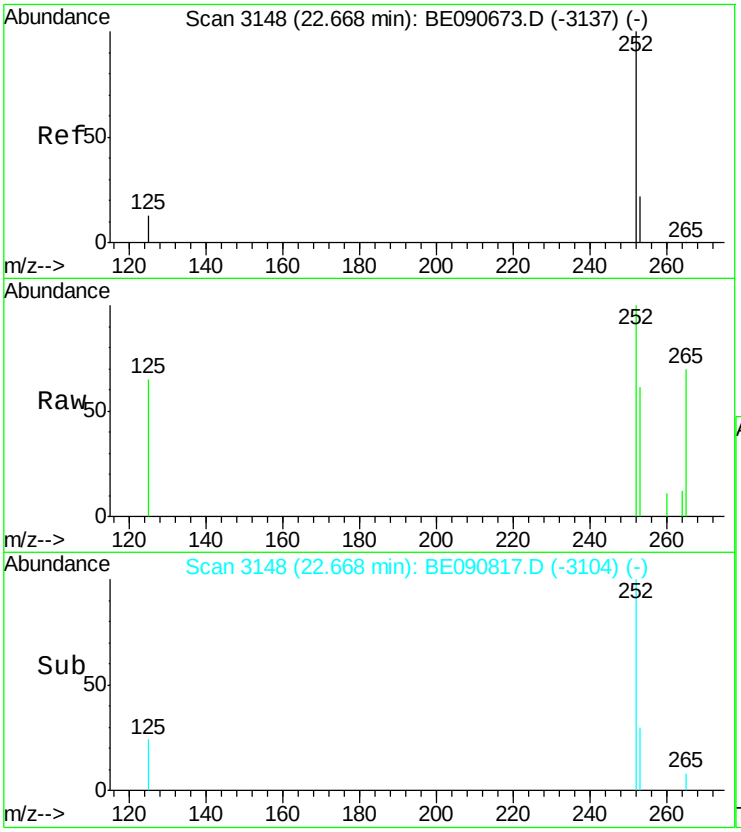


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:264 Resp: 238779

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	21.6	17.5	26.3



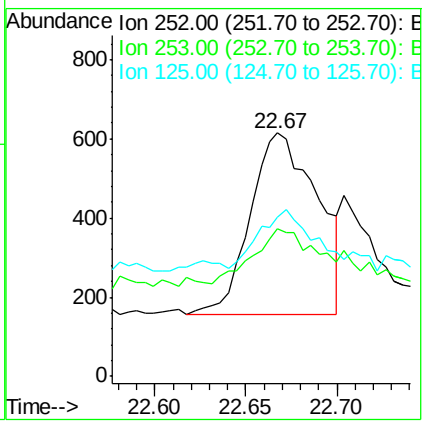


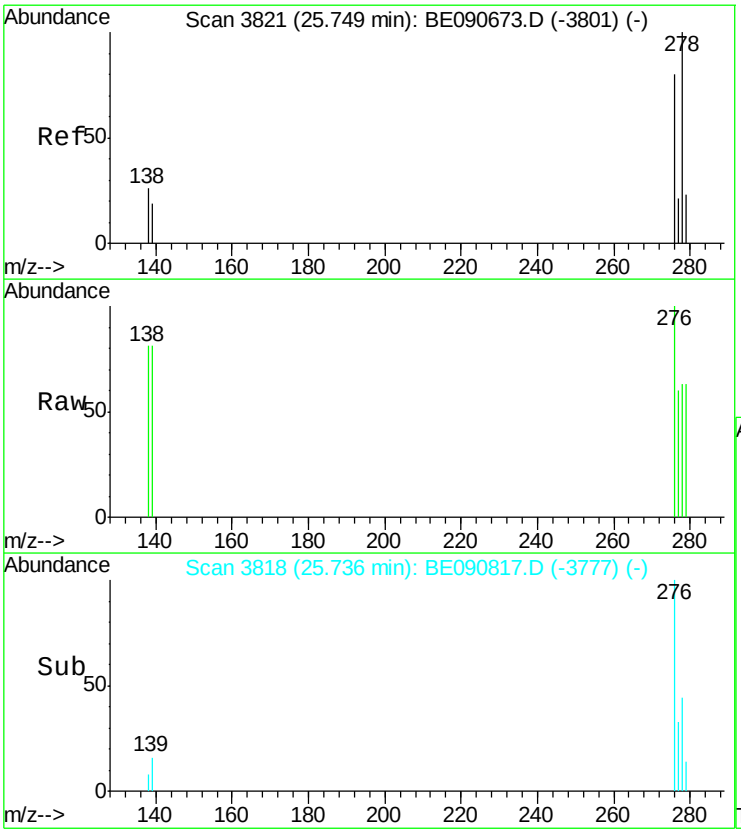
#33
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.67 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-D-B

Tgt Ion:252 Resp: 1173

Ion	Ratio	Lower	Upper
252	100		
253	60.7	17.9	26.9#
125	65.2	10.6	16.0#





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090817.D
Acq: 15 Sep 2015 2:20

Tgt Ion:278 Resp: 34

Ion	Ratio	Lower	Upper
278	100		
139	128.4	15.4	23.0#
279	100.0	18.8	28.2#